

CURRICULUM VITAE

Date: Feb. 20, 2016

I. PERSONAL

2. Name: Raymond Paul Robinson, MD, FACS
3. Office Phone: (305) 689-4683
- Office Address: 1400 NW 12th Ave.
4th Floor – East Building
Miami, FL 33136
4. Current Academic Rank: Professor
6a. Current Track of Appointment Clinical Educator Track
5. Primary Department: Orthopaedics
(Reconstruction Service)
6. Secondary or Joint Appointments N/A
7. Citizenship: USA
8. Visa Type: (If Non-Citizen) N/A

II. HIGHER EDUCATION

9. Institutional:

The Hospital for Special Surgery affiliated with
The New York Hospital and Cornell Medical College
New York, NY
Fellowship, Biomechanics
Department of Biomechanics
Director, Albert Burstein, Ph.D. July 1, 1980 – June 30, 1981

The Hospital for Special Surgery affiliated with The New
York Hospital and Cornell Medical College
New York, NY
Residency, Orthopaedics July 1, 1977 – June 30, 1980

Mary Imogene Bassett Hospital affiliated with Columbia University
Cooperstown, NY
Residency, General Surgery July 1, 1976 – June 30, 1977
Internship July 1, 1975 – June 30, 1976

College of Physicians and Surgeons
Columbia University, New York, NY
MD Sept 1971 – May 1975

Ripon College, Ripon WI
BA Sept 1967 – May 1971

10. **Non-institutional:**

11. **Certification:**

Licenses:	New York	128035 (inactive)
	Washington	18997 (expired 2/12/11)
	Florida	ME105002

III. **EXPERIENCE:**

12. **Academic:**

Professor of Clinical Orthopaedics
University of Miami Miller School of Medicine June 1, 2012–present

Chief of Joint Reconstruction Service,
University of Miami Miller School of Medicine 2010 - present

Associate Professor of Clinical Orthopaedics
University of Miami, Miller School of Medicine Sept 2009 – 2012

Clinical Professor of Orthopaedics,
University of Washington, Seattle, WA July 2000 – July 2009

Orthopaedic Surgeon, Virginia Mason Clinic
and Virginia Mason Hospital, Seattle, WA Aug 1981 – July 2009

Clinical Associate Professor of Orthopaedics,
University of Washington, Seattle, WA July 1990 – June 2000

Clinical Assistant Professor of Orthopaedics
University of Washington, Seattle, WA July 1981 – June 1990

Fellow, American College of Surgeons 1984 - present

Hospital Appointments:

University of Miami Hospital, Miami, FL Sept. 2009 – present

Jackson Memorial Hospital Dec. 2009 - present

Miami Veteran's Hospital 2010 - present

Virginia Mason Medical Center
Seattle, WA Aug. 1981- July 2009

13. **Non-Academic:** None

14. **Military:** None

IV. **PUBLICATIONS:**

15. **Books and Monographs Published:**

Robinson RP. Acumatch Cemented Femoral Stem, Operative technique, Exactech Inc., 1999.

Robinson RP. Reducing the Incidence of Dislocations in Total Hip Arthroplasty Surgery. Virginia Mason Medical Center *Bulletin*, Fall 1998; 52:135-143.

Robinson RP, Simonian PT, McCann K. Rehabilitation Following Total Knee Arthroplasty. In: *Knee Surgery*. (Eds: Fu FH, Hamer CD, Vince KG.) Williams and Wilkins, Baltimore:1994.

Vanderhooft JE, **Robinson RP.** Late Infection of Bipolar Prosthesis Following Endoscopy. Virginia Mason Medical Center *Bulletin*, 1994.

Robinson RP, Lovell TP. In Vivo Comparison of Cement Penetration - Palacose R and Simplex Bone Cements. Product Brochure, Smith Nephew Richards, 1989.

Robinson RP. Revision of Failed Total Knee Replacements. *Bull Mason Clinic* 1983:37:21-28.

16. **Juried or Refereed Journal Articles or Exhibitions:**

Robinson, RP. What will we do now with the super-obese hip patient? Perspective on Bariatric Orthopaedics: Total Hip Arthroplasty in the Super-Obese patient (BMI >50 kg/m²): *J Bone and Joint Surgery Am.*, 98:e12(1),2016.

Carvajal, JA, Elpers, ME, Rosenberg, AE, **Robinson, RP,** Suboptimal Component Position Leading to Severe Wear of an Alumina-Alumina Total Hip Coupling: Biomechanical Analysis and Documentation of Limited Tissue Response, *HSS Journal* ®: Volume 11, Issue 2, p 166-171, 2015.

Silverman E, Landy D, Massel D, Kaimrajh D, Latta L, **Robinson RP,** Liquid Versus Dough Phase Cementation in Total Knee Arthroplasty, an application of Squeeze Bearing Theory, Poster: Orthopaedic Research Society, New Orleans, March 17-18, 2014.

Silverman, EJ, Landy DC, Massel DH, Kaimrajh DN, Latta LL, **Robinson, RP**, The Effect of Viscosity on Cement Penetration in Total Knee Arthroplasty, an Application of the Squeeze Film Effect, *J of Arthroplast*, Vol 29, p 2039-2042, 2014.

Silverman, E, Robinson RP, The Effect of Liquid versus Dough Phase Cementation on Cement Penetration in the Tibial Component in Total Knee Arthroplasty, Poster: Eastern Orthopaedic Association, Miami Beach, FL, Oct 30, 2013.

Robinson, RP and Green, TM. Eleven Year Implant Survival of the All-polyethylene and Metal Backed Modular Optetrak PS Knee in Bilateral Simultaneous Cases, *J of Arthroplasty*, Vol 26, no. 8 p1165-1169, Dec, 2011.

Robinson, RP. The Impact of Resident Teaching on Total Hip Replacement Surgery, *Clinical Orthopaedics and Related Research*, No. 465, p. 196-201, Dec. 2007.

Higuera, CA, Hanna, G, Florjancik, K, Allan, DG, **Robinson, R**, Barsoum, WK. The Use of Proximal Fixed Modular Stems in Revision of Total Hip Arthroplasty, *J of Arthroplasty*, Vol 21, no 4, suppl. 1, p. 112-116, 2006.

Robinson, RP. The Early Innovators of Today's Resurfacing Condylar Knees, *J. of Arthroplasty*, supplement 1, vol 20:2-26, 2005.

Robinson RP. Five Year Follow-up of Primary Optetrak PS Total Knee Arthroplasties in Osteoarthritis, *J. of Arthroplasty*, Vol 20, no.7, p. 927-931, 2005.

Robinson RP, Simonian PT, Gradisar IM, Ching RP. Joint Motion and Surface Contact Area Related to Component Position in Total Hip Arthroplasty. *J Bone and Joint Surgery* 1997;79-B:140-146.

Robinson RP, Clark JE. Uncemented Press-fit Total Hip Arthroplasty using the Identifit Custom Molding Technique. A prospective minimum 2 year follow-up study. *J Arthro* 1996;11(3).

Robinson RP, Simonian PT, Ching RP: Joint Contact Area and Motion Resulting from Component Position in THR, in *J of Arthroplasty*, February 1996, 11:(2): 227.

Robinson RP, Deysine GR, Green TM. Uncemented Total Hip Arthroplasty using the CLS Stem: a Titanium Alloy Implant with a Corundum Blast Finish. Results at a mean 6 years in a prospective study. *J Arthro* 1996;11(3).

Robinson RP, Simonian PT. Thermal Expansion Modular Femoral Head Extractor for Revision Total Hip Arthroplasty. *J Arthro* 1995;10(4): 476-479.

Simonian PF, **Robinson RP**. Titanium Contamination of Recycled Cell Saver Blood in Revision Hip Arthroplasty. *J Arthro* 1995;10(1): 83-86.

Robinson RP, Lovell TP, Green TM. Hip Arthroplasty Using the Cementless CLS Stem - a 2 to 4 Year Experience. *J Arthro* 1994;9(2):177-192.

Robinson RP, Simonian PT, Green TM. Hybrid Total Hip Replacement using a Smooth Cobalt Chrome Stem, Ceramic Femoral Head, and Palacos Cement. *Orthopaedics International Edition* 1994; March/April 2 (2):125-135.

Vanderhooft JE, **Robinson RP**. Late Infection of a Bipolar Prosthesis following Endoscopy. *J Bone Joint Surg* 1994; 76A: 744-745.

Striplin DB, **Robinson RP**. Posterior Dislocation of the Insall Burstein Posterior Stabilized II Total Knee Prosthesis. *Amer J Knee Surg* 1991;5(2):80-83.

Robinson RP, Lovell TP, Green TM, Bailey GA. Early Femoral Component Loosening in DF-80 Total Hip Replacements. *J Arthro* 1989; 4:55-64.

Wright TM, Astion DJ, Bansal M, Rimnac CM, Green T, Insall JN, **Robinson RP**. Failure of Carbon Fiber-reinforced Polyethylene Total Knee Replacement Components. *J Bone Joint Surgery* 1988; 70A: 926-932.

Wright TM, **Robinson RP**. Fatigue Crack Propagation in Polymethylmethacrylate Bone Cements. *J Materials Science* 1982;17:2463-2468.

Salvati EA, **Robinson RP**, Zeno SM, Koslin BL, Brause BD, Wilson PD Jr. Infection Rates after 3175 Total Hip and Total Knee Replacements Performed with and without a Horizontal Unidirectional Filtered Air-Flow System. *J Bone Joint Surg* 1982;64A:525-535.

Robinson RP and Vosburgh F, and Burstein AH: Mechanical Properties of Osteopetrotic Bone, in *J Biomechanics*, 1982.

Robinson RP, Wright TM, Burstein AH. Mechanical Properties of Polymethylmethacrylate Bone Cement. *J Biomechanical Mat Res* 1981; 5:203 -208.

Robinson RP, Robinson HJ Jr., Salvati EA. Comparison of the Transtrochanteric and Posterior Approaches for Total Hip Replacement. *Clin Orthop Rel Res* 1980;147:143-147.

Robinson RP, Franck WA, Carey EJ Jr., Goldberg EB. Familial Polyarticular Osteochondritis Dissecans Masquerading as Juvenile Rheumatoid Arthritis. *J Rheumatol* 1978; 5:(2)190-194.

Gallego A. Horizontal and Amocrine Cells in the Mammal's Retina. *Vision Research* (contributor); Supplement No. 3: 33-50.

17. **Other Works, Publications and Abstracts:**

Abstracts:

Robinson RP, Cirugia de Revision Femoral con Bloques Metafisario (Femoral Revision Surgery using a Metaphyseal Fixation implant), XLIV Congreso Internacional Sociedad Andaluza de Traumatologia y Ortopedia (SATO), March, 2014.

Silverman E, Massel D, Latta L, **Robinson R**, Liquid versus Dough Phase Cementation in the Tibial Component of Total Knee Arthroplasty, a cadaver study, submitted to the Orthopaedic Research Society, March, 2014.

Carvajal J, Elpers ME, **Robinson RP**, Metal Backed Alumina-Alumina THR with Extreme Wear, North American Hip Society, Charleston, SC, October 4, 2013.

Silverman EJ, Landy DC, **Robinson RP**, The Effect of Liquid versus Dough Phase Cementation on Cement Penetration in Total Knee Arthroplasty, Eastern Orthopaedic Association, October, 2013.

Robinson, Raymond P.: The Innovators of Today's Resurfacing Condylar Knees, Libro de reumenes, 22 Congreso Nacional de la SEROD (Sociedad Espanol de Rodilla), Mallorca, Spain, May 29, 2003: 41-76.

Robinson RP and Clark JE: Early Mechanical Failure in a Series of 53 Cementless Custom Molded Identifit Total Hip Replacements, in Orthopaedic Transactions, 1994-1995,18(4):992.

Robinson RP, Simonian PT, and Green TM: Hybrid Total Hip Replacement using a 32mm Ceramic Ball and Palacose Cement, AOA Resident's Conference, March 1993, Orthopaedic Transactions, 1993, 17 (2): 469.

Robinson RP, Lovell TP, and Green TM: Early Femoral Component Loosening in DF-80 Total Hip Replacements - 2 to 4 Year Follow-up Study, in Orthopedic Transactions, Fall 1988; 12 (3): 717.

Robinson HJ Jr., **Robinson RP**, and Donahue P: Effect of Indomethacin on a Stabilized Fracture Model, in Transactions of the 28th Annual Meeting Orthopedic Research Society, 1982;7:299.

Robinson RP, Bohue WH, Robinson RP, and Burstein AH: Hip Joint Forces in sitting Positions, in Transactions of the 28th Annual Meeting Orthopedic Research Society, 1982; 7: 275.

Wright TM, Burstein AH, and **Robinson RP**: Fatigue Crack Propagation in Polymethylmethacrylate, in Transactions of the 28th Annual Meeting Orthopedic Research Society, 1982; 7: 162.

Salvati EA, **Robinson RP**, Zeno SM, Koslin BL, Brause BD, and Wilson PD Jr.: Evaluation of Infections in 4769 Total Hip and Total Knee Replacements Performed with and without a Horizontal Laminar Flow System, in Orthopedic Transactions, 1981 (March 13): 437.

Robinson RP, Wright TM, and Burstein AH: Mechanical Properties of Polymethylmethacrylate Bone Cements, in Transactions of the 27th Annual Meeting Orthopedic Research Society, 1981; 6:114.

Robinson RP, Robinson HJ Jr., and Salvati EA.- A Comparative Study of the Lateral Transtrochanteric and Posterior Approaches for Total Hip Replacement, in Orthopedic Transactions, 1979; 3 (3): 299.

Proceedings:

Robinson, RP: The Impact of Resident Teaching on Total Hip Replacement Surgery, The Proceedings of The Hip Society, University of Iowa, Sept.8, 2006

Robinson RP: Five Year Results and Survival Rates of the Fifth Generation Hospital for Special Surgery Knee, in the proceedings of the 2002 SICOT XXII World Congress, San Diego, CA.

Robinson Metal Backed Alumina-Alumina THR with Extreme Wear, Proceedings of the Hip Society, Charleston, SC, Oct. 4, 2013

V. **PROFESSIONAL:**

19. **Funded Research Performed:** None
20. **Editorial Responsibilities (Journals):**
- | | |
|--|----------------|
| Journal of Bone and Joint Surgery | 1999 - present |
| Journal of Orthopaedic Research | 1996 |
| Clinical Orthopaedics and Related Research | 1995 |
21. **Professional and Honorary Organizations:**
- | | |
|---|------------------|
| Sociedad Andaluza de Traumatologia y Ortopedia (SATO) | 2014 |
| Resident Education Committee, Dept of Orthopaedics, University of Miami Miller School of Medicine | 2010 - present |
| University of Miami Hospital Infection committee | 2011 |
| University of Miami Hospital Blood Transfusion Committee | |
| South Florida Chapter of the American College of Surgeons | 2010 - 2011 |
| Florida Orthopaedic Society | 2013 |
| Chairman, Outcomes Committee, American Association of Hip and Knee Surgeons | 2000 - 2002 |
| Northwest Tissue Bank Committee | 1991 - 2000 |
| The Royal Society of Medicine | 2006 - 2009 |
| The Hospital for Special Surgery Alumni Nominating Committee | 1992, 1995, 2009 |
| *The Hip Society of North America | 1996 – present |
| Association for Promotion of Arthritic Hip and Knee Surgery | 1992 |
| *Association for Arthritic Hip and Knee Surgery | 1992 - present |
| Curriculum Committee
The University of Washington
Department of Orthopaedics | 1991 |

DRG – Committee Virginia Mason Medical Center	1989 - 1991
Clinical Faculty Committee The University of Washington	1988 – 1989
Western Orthopaedic Association	1986 - 2009
Washington State Orthopaedic Association	1985 - 2009
*American Academy of Orthopaedic Surgeons	1985 - present
*American College of Surgeons	1984 - 2016
American Rheumatism Association	1984
Washington State Medical Association	1982 - 2009
King County Medical Society	1982 - 2009
American Medical Association	1982 - 2009
*Orthopaedic Research Society	1982 - present
American Society of Biomechanics	1981 - 1982

22. Honors and Awards:

US News and World Report – Top Doctors	2012 & 2015
America’s Top Orthopedists Consumer’s Research Council of America	2011
South Florida Super Doctors, Key Professional Media, Inc. City & Shore Magazine	2011
Top 10 Surgeons, University of Miami	Jan. 2011
Health Grades Hospital Quality in America Study Five-Star rating - Virginia Mason Orthopaedics – for both Total Hip and Total Knee Replacement surgery	2004 - 2009
Seattle’s Top Doctors (Seattle magazine)	2004 - 2009
Best Doctors in America, Consumer’s Research Council of America	2004 – 2015
Golden Stethoscope Award (Seattle Metropolitan Magazine)	2008
Orthopaedic resident’s teaching award, University of Washington	1991

Orthopaedic resident's teaching award,
University of Washington 1987

Urology Research award, College of Physicians
and Surgeons, Columbia University 1975

23. **Post-Doctoral Fellowships:**

The Hospital for Special Surgery affiliated with
The New York Hospital and Cornell Medical College
New York, NY
Fellowship, Biomechanics
Department of Biomechanics
Director, Albert Burstein, Ph.D. July 1980 – June 1981

24. **Other Professional Activities:**

The biologic response to implant materials Orthopaedic core
curriculum lecture, Department of Orthopaedics, University of Miami,
Miami, FL, Feb. 18, 2016.

Evaluating the painful total knee, Shoulder, Hip, and Knee course
experience, Exactech, Inc., Miami, FL, Feb. 11-12, 2016.

Dealing with the complex primary total knee, Shoulder, Hip, and Knee
course experience, Exactech, Inc., Miami, FL, Feb. 11-12, 2016.

Solving the problem of dislocation in total hip replacement,
Orthopaedic Grand Rounds, University of Miami, Miami, FL, Sept. 10,
2015.

Review 2014 OITE hip and knee reconstruction questions, UM Ortho
residents, Univ. of Miami, Miami, FL, Aug. 27, 2015.

Increasing Constraint in Complex Primary TKR, Advances in Knee
Surgery, Palma de Mallorca, Spain, June 12, 2015.

Criteria for Sacrificing or Preserving the PCL in Primary TKR,
Advances in Knee Surgery, Palma de Mallorca, Spain, June 12, 2015.

Evolution of the Total Condylar Knee, Advances in Knee Surgery,
Palma de Mallorca, Spain, June 12, 2015.

Moderator, Unicompartmental Knee, Advances in Knee Surgery,
Palma de Mallorca, Spain, June 12, 2015.

Anatomic release for varus/valgus knee, Resident/Fellows course in hip and knee arthroplasty, New York, NY, Nov. 15, 2014.

Revision total knee arthroplasty-indications and technique, Resident/Fellows course in hip and knee arthroplasty, New York, NY, Nov. 15, 2014.

The Use of Modular Femoral Components in Revision Total Hip Replacement, Orthopaedic Grand Rounds, University of Miami, Miami, FL, Sept. 18, 2014.

2013 OITE review -joint reconstruction, Core Curriculum, University of Miami Department of Orthopaedics residents, Miami, FL. Aug. 14, 2014.

Keys to Successful Revision total Knee Arthroplasty, Advances in Orthopaedics International Conference, Singapore, June 21, 2014.

The Continuing Evolution of the Condylar Knee and Outcomes, Advances in Orthopaedics International Conference, Singapore, June 21, 2014.

Keys to Successful Revision Total Knee Replacement, Kunkook University Hospital, Seoul, South Korea, June 18, 2014.

The Continuing Evolution of the Total Condylar-type knee and Outcomes, Kunkook University Hospital, Seoul, South Korea, June 18, 2014.

Keys to Successful Revision Total Knee Replacement, Exactech Advances in Orthopaedics, Yiwu Central Hospital, Yiwu, China, June 16, 2014.

Total Knee Technique-Landmarks and Releasing, Exactech Advances in Orthopaedics, Yiwu Central Hospital, Yiwu, China, June 16, 2014.

Continuing Evolution and outcomes of the Total Condylar-type knee, Exactech Advances in Orthopaedics, Jinzhou Yuan Do Hotel, Jinzhou, China, June 14, 2014.

Total Knee Technique-Landmarks and Releasing, Exactech Advances in Orthopaedics, Jinzhou Yuan Do Hotel, Jinzhou, China, June 14, 2014.

Orthopaedic implant materials, University of Miami Resident Core curriculum, University of Miami, Miami, FL, April 17, 2014.

Casos Complejos de RevisionTKR, XLIV Congreso Internacional Sociedad Andaluza de Traumatologia y Ortopedia (SATO), March 7, 2014.

Cirugia de Revision Femoral con Bloques Metafisario (Femoral Revision Surgery using a Metaphyseal Fixation implant), XLIV Congreso Internacional Sociedad Andaluza de Traumatologia y Ortopedia (SATO), March 6, 2014.

Revision Total Knee Arthroplasty: Indications and Treatment, Resident/Fellow Course in Hip and Knee Arthroplasty, New York, NY, November 16, 2013.

Indications for Primary Total Knee Arthroplasty, Resident/Fellow Course in Hip and Knee Arthroplasty, New York, NY, November 16, 2013.

Metal Backed Alumina-Alumina THR with Extreme Wear, The Hip Society, Charleston, SC, Oct. 3-5, 2013.

Review of 2012 OITE lecture, Orthopaedic Residents, University of Miami, Miami, FL, July 11, 2013.

Surgical Skills Lab – Optetrak Revision Knees, Advances in Orthopaedics International Conference, Gainesville, FL, May 24, 2013.

Optetrak Surgical Technique and Design Rationale: Revision Knees, Advances in Orthopaedics International Conference, Gainesville, FL, May 23, 2013.

Case review: Primary TKR, Advances in Orthopaedics International Conference, Gainesville, FL, May 23, 2013

Case review: Revision Knees, Advances in Orthopaedics International Conference, Gainesville, FL, May 23, 2013

Biologic response to implant materials, Orthopaedic core curriculum lecture, Department of Orthopaedics, University of Miami, Miami, FL, May 16, 2013.

The Evolution of a Total Knee Design, Orthopaedic Grand Rounds, University of Miami, Miami, FL, April 18, 2013.

The continuing Evolution of the Total Condylar Knee, Advanced Surgical Techniques of Knee Treatment, Largo, FL, April 5, 2013.

A unique approach to bone preservation in posterior stabilized knees, Advanced Surgical Techniques of Knee Treatment, Largo, FL, April 6, 2013.

Cadaveric workshop total knee, Advanced Surgical Techniques of Knee Treatment, Largo, FL, April 6, 2013.

Hip Case Reviews, Curso Teorico-Practico De Arthroplastia De Cadera Y Rodillo, The Florida Hotel and Convention Center, Orlando, FL, Feb. 22, 2013

Knee case Reviews, Curso Teorico-Practico De Arthroplastia De Cadera Y Rodillo, The Florida Hotel and Convention Center, Orlando, FL, Feb. 22, 2013

Optetrak Revision Knee Surgical technique demonstration, Curso Teorico-Practico De Arthroplastia De Cadera Y Rodillo, University of Florida Surgical skills lab, Gainesville, FL, Feb. 21, 2013

Optetrak Knee surgical technique Demonstration, Curso Teorico-Practico De Arthroplastia De Cadera Y Rodillo, University of Florida Surgical skills lab, Gainesville, FL, Feb. 21, 2013

Optetrak Evolution and Outcomes, Curso Teorico-Practico De Arthroplastia De Cadera Y Rodillo, University of Florida Surgical skills lab, Gainesville, FL, Feb. 21, 2013

Posterior approach demonstration and instruction, Curso Teorico-Practico De Arthroplastia De Cadera Y Rodillo, University of Florida Surgical skills lab, Gainesville, FL, Feb. 21, 2013

Posterior Approach Surgical Pearls, Curso Teorico-Practico De Arthroplastia De Cadera Y Rodillo, University of Florida Surgical skills lab, Gainesville, FL, Feb. 21, 2013.

The Current status of Total Knee Replacements – 2013. Department of Rheumatology, University of Miami Miller School of Medicine, Miami, FL, Jan. 18, 2013.

Demonstration Revision Optetrak Total Knee, Advances in Orthopaedics International Conference, Nicholson Center cadaver lab, Celebration, FL, Dec. 11, 2012.

Optetrak Revision Knees – Design Rationale and Surgical technique, Advances in Orthopedics International Conference, Celebration, FL, Dec. 11, 2012.

Optetrak Outcomes – 17 year experience, Advances in Orthopedics International Conference, Celebration, FL, Dec. 11, 2012.

Cadaver lab, demonstrating the mini posterior lateral approach with Z capsular repair, Chicago, IL, Oct 6, 2012.

Participate in Webinar “Selling the Science” Exactech knee, Aug. 8, 2012.

Review OITE hip and knee reconstruction questions, UM Ortho residents, Univ. of Miami, Miami, FL, June 26, 2012.

Advances in Orthopaedics International Conference, Co-Chair with Dr. YoungHoo Kim, Seoul South Korea, June 22-23, 2012.

Total Knee Arthroplasty Technique, Advances in Orthopaedics International Conference, Seoul South Korea, June 22, 2012.

Challenging Primary Total Knee Arthroplasty case review and discussion, Advances in Orthopaedics International Conference, Seoul South Korea, June 22, 2012.

Challenging Primary Total Hip Arthroplasty case review and discussion, Advances in Orthopaedics International Conference, Seoul South Korea, June 22, 2012.

A Comparison of Three Generations of HSS Knees – the Insall Burstein, Insall Burstein II, and Optetrak, Advances in Orthopaedics International Conference, Seoul South Korea, June 23, 2012.

Optetrak outcomes – 16 years of experience, Advances in Orthopaedics International Conference, Seoul South Korea, June 23, 2012.

Moderator, Complex Total Joint Arthroplasty, Advances in Orthopaedics International Conference, Seoul South Korea, June 23, 2012.

Acumatch M Series – The design and use of a three-part modular stem, Advances in Orthopaedics International Conference, Seoul South Korea, June 23, 2012.

Challenging revision total knee Arthroplasty case review and discussion, Advances in Orthopaedics International Conference, Seoul South Korea, June 23, 2012.

Challenging revision total hip Arthroplasty case review and discussion, Advances in Orthopaedics International Conference, Seoul South Korea, June 23, 2012.

Avoiding Dislocation through implant design and component positionin, Advances in Orthopaedics International Conference, Seoul South Korea, June 22-24, 2012.

Pearls for using a posterior approach with the Novation Element Hip System, Advances in Orthopaedics International Conference Other Americas Region, Gainesville, FL, June 13, 2012.

Novation Element and Taper Surgical Skills Lab demonstration and teaching, Advances in Orthopaedics International Conference Other Americas Region, Gainesville, FL, June 13, 2012.

Acumatch M Series Design Rationale, Advances in Orthopaedics International Conference Other Americas Region, Gainesville, FL, June 13, 2012.

Operative techniques-Modular Hip Revision Acumatch M Series, Advances in Orthopaedics International Conference Other Americas Region, Gainesville, FL, June 13, 2012.

Acumatch M Series Revision Hip Surgical Skills Lab demonstration and teaching, Advances in Orthopaedics International Conference Other Americas Region, Gainesville, FL, June 13, 2012.

Using landmarks and other tips for optimal surgical results TKR, Advances in Orthopaedics International Conference Other Americas Region, Gainesville, FL, June 14, 2012.

Optetrak Primary Knee System surgical skills lab demonstration and teaching, Advances in Orthopaedics International Conference Other Americas Region, Gainesville, FL, June14, 2012.

Optrtrak Revision Knee System Surgical Skills Lab demonstration and teaching, Advances in Orthopaedics International Conference Other Americas Region, Gainesville, FL, June14, 2012.

Complicated TKR revision case presentations, Advances in Orthopaedics International Conference Other Americas Region, Gainesville, FL, June14, 2012.

Case presentations Knee, Clinician's Knee Meeting, Exactech Inc., Chicago, IL, May 5, 1012.

Posterior Lateral Approach to THR Surgery, UM Resident Conference, Stryker Learning Center, Fort Lauderdale, FL, Mar. 10, 2012.

Optetrak Knee lecture and cadaver demonstration, Miami, FL, Feb. 25, 2012.

Optetrak knee evolution-outcomes-further evolution, Advances in Orthopaedics International Conference, Florida Hospital Nicholson Center, Orlando, FL, Feb. 23, 2012.

Cadaver lab primary THR posterior approach demonstration, Advances in Orthopaedics International Conference, Florida Hospital Nicholson Center, Orlando, FL, Feb. 23, 2012.

Cadaver lab primary and revision Optetrak knee demonstration, Advances in Orthopaedics International Conference, Florida Hospital Nicholson Center, Orlando, FL, Feb. 23, 2012.

Complex primary TKR case presentations, Advances in Orthopaedics International Conference, Orlando, FL, Feb. 24, 2012.

Complex primary THR case presentations, Advances in Orthopaedics International Conference, Orlando, FL, Feb. 24, 2012.

Total hip and knee arthroplasty in inflammatory disease, Depart. Of Rheumatology, University of Miami, Miami, FL, Feb 17, 2012.

Complex revision knee surgery case presentations, Advances in Orthopaedics Pre-CCJR international conference, Gainesville, FL, Dec. 7th, 2011.

Surgical techniques and design rationale Optetrak revision knees, Advances in Orthopaedics Pre-CCJR international conference, Gainesville, FL, Dec. 6th, 2011.

Keys to successful total knee Arthroplasty, Advances in Orthopaedics Pre-CCJR international conference, Gainesville, FL, Dec. 6th, 2011.

Optetrak outcomes: 16 year experience, Progression to an extensively HA coated stem in primary THR surgery, Advances in Orthopaedics Pre-CCJR international conference, Gainesville, FL, Dec. 5th, 2011.

The Acumatch Modular stem, Advances in Orthopaedics Pre-CCJR international conference, Gainesville, FL, Dec. 5th, 2011.

Experience Using Extensively HA Coated Stems, Advances in Orthopaedics International Conference, Miami, FL, Nov. 17th, 2011.

The Acumatch Modular stem, Advances in Orthopaedics International Conference, Miami, FL, Nov. 17th, 2011.

Case presentations, Complex primary and Revision THA, Advances in Orthopaedics International Conference, Miami, FL, Nov. 17th, 2011.

Optetrak Knee Systems Outcomes – 16 year results, Advances in Orthopaedics International Conference, Miami, FL, Nov. 18th, 2011.

Implant survival in bilateral TKR – a prospective randomized comparison all-polyethylene versus metal backed modular Optetrak PS knees, Advances in Orthopaedics International Conference, Miami, FL, Nov. 18th, 2011.

Lecture on 16 year experience with the Optetrak PS knee, cadaver lab demonstrations total knee replacement surgery, Miami, FL, Nov. 5, 2011.

All-Polyethylene versus modular total knee Arthroplasty, a long-term randomized prospective study, University of Miami Orthopaedic Alumni Day, Miami, FL, Sept.16, 2011

Progression to an extensively HA coated stem, Exactech Medical Education Surgeon Visit, Florida Hospital Nicholson Center for Surgical Advancement Education Center and Lab, Orlando, FL, July 29, 2011

Cadaver lab instruction – posterior lateral exposure Element HA coated stem. Florida Hospital Nicholson Center for Surgical Advancement Education Center and Lab, Orlando, FL, July 29, 2011

Review of the 2010 OITE total joint questions, Mailman center, University of Miami, Miami, FL, June 23, 2011.

Revision Total Hip Arthroplasty, 1st Orthority Corporation Orthopaedic Symposium, Punta Cana, Dominican Republic, June 10, 2011.

Optetrak PS knee – 16 year experience, 1st Orthority Corporation Orthopaedic Symposium, Punta Cana, Dominican Republic, June 10, 2011.

Demonstration Total Knee Replacement Surgery using the Logic Knee System, Medical Education Meeting, Las Vegas, NV, May 21, 2011.

Clinical benefits and surgical techniques of the next generation Optetrak PS knee, the Logic, Medical Education Meeting, Las Vegas, NV, May 21, 2011.

Difficult knee cases, Optetrak Clinical Evaluator Meeting, Atlanta, GA, April 30, 2011.

Eleven year data Optetrak knee, Optetrak Clinical Evaluator Meeting, Atlanta, GA, April 30, 2011.

Challenging hip reconstruction case reviews, Advances in Orthopaedics International Conference, Orlando, FL, March 25, 2011.

Demonstration surgery Acumatch – M series THR cadaver lab, Advances in Orthopaedics International Conference, Orlando, March 24, 2011.

The Acumatch Modular hip, Advances in Orthopaedics International Conference, Orlando, FL, March 24, 2011.

Biomaterials, University of Miami Orthopaedics core curriculum lecture University of Miami, Miami Florida, March 17, 2011.

Difficult Case Reviews, Advances in Orthopaedics International Conference, Miami Beach, Jan. 28, 2011.

Landmarks and Ligament Releasing in Total knee Replacement Surgery – Who needs instruments? Advances in Orthopaedics International Conference, Miami Beach, Jan. 28, 2011.

Optetrak Outcomes – 16 year experience, Advances in Orthopaedics International Conference, Miami Beach, Jan. 28, 2011.

Demonstration TKR and Revision TKR in cadavers: Advances in Arthroplasty – International Conference, Gainesville, FL, Dec. 7, 2010.

Keys to Successful Total Knee Arthroplasty: Advances in Arthroplasty – International Conference, Gainesville, FL, Dec. 6, 2010.

Optetrak Outcomes 15 Year Experience: Advances in Arthroplasty – International Conference, Gainesville, FL, Dec. 6, 2010.

15 Year Clinical Experience with the Optetrak Knee System: Past, Present, and Future, Advances in Arthroplasty International Meeting, Madrid Spain, Oct. 23, 2010.

Solving the problem of dislocation in total hip replacement surgery: a journey: University of Miami Dept. of Orthopaedics, Miami, FL, Sept.9, 2010.

Implant Survival in Bilateral TKR – A prospective randomized comparison of all-poly versus metal backed modular Optetrak PS knees, Advances in Orthopaedics International Conference, Nueva Vallarta, Mexico, August 2, 2010.

Optetrak Knee System Outcomes, Advances in Orthopaedics International Conference, Nueva Vallarta, Mexico, August 2, 2010.

Physical Examination of the Hip. Summer core curriculum, University of Miami R-1 lecture. University of Miami, Miami, FL, July 8th, 2010.

Management of the infected TKR, Indian Society of Hip and Knee Surgeons, Ahmedabad, India, April 11th, 2010.

The role of modularity in revision THR, Indian Society of Hip and Knee Surgeons, Ahmedabad, India, April 11th, 2010.

The evolution of total knee replacement, Indian Society of Hip and Knee Surgeons, Ahmedabad, India, April 10th, 2010.

15 year experience Optetrak PS knee, Indian Society of Hip and Knee Surgeons, Ahmedabad, India, April 9th, 2010.

The design rationale of the Optetrak knee, Indian Society of Hip and Knee Surgeons, Ahmedabad, India, April 9th, 2010.

Live televised revision TKR surgery, Sunshine Hospital, Hyderabad, India, April 7th, 2010.

Single and two-stage revision of infected TKR, Sunshine Hospital, Hyderabad, India, April 7th, 2010.

Principles of Revision TKR surgery, Sunshine Hospital, Hyderabad, India, April 7th, 2010.

Live televised TKR surgery, St Thomas Hospital, Chennai, India, April 5th, 2010.

Management of highly deformed knees, Advances in Arthroplasty meeting, St Thomas Hospital, Chennai, India, April 5th, 2010.

Lineage and Evolution of the Optetrak knee, Advances in Arthroplasty meeting, St Thomas Hospital, Chennai, India, April 5th, 2010.

Moderator of the 6th Torsten N Wiesel Lecture at the 91st Annual Hospital for Special Surgery Alumni Association Meeting, New York, NY, Nov 13, 2009.

Performance of the 5th generation HSS knee, Grand rounds, Department of Orthopaedics, University of Miami, Miami, FL, Oct 15th, 2009.

14 year experience of primary total knee arthroplasty in Osteoarthritis, Guangzhou hospital, Guangzhou, China, Sept 10th, 2009.

Avoiding dislocation through implant design and positioning in THR, Sino US Knee Simposium, Sunyixan Hospital, Dongyuan, China, Sept 8th, 2009.

Prevention and treatment of the infected TKR, Sino-US Knee Simposium, Sunyixan Hospital, Dongyuan, China, Sept 8th, 2009.

14 year experience of primary total knee arthroplasty in Osteoarthritis, Sino-US Knee Simposium, Sunyixan Hospital, Dongyuan, China, Sept 8th, 2009.

Keys to Successful Revision TKR, TCM Hospital, Foshan, China, Sept. 8th, 2009.

Prevention and treatment of the infected TKR, TCM Hospital, Foshan, China, Sept. 8th, 2009.

Keys to Successful Revision TKR, Zhongshan Hospital Shanghai, China, Sept. 7th, 2009.

Prevention and treatment of the infected TKR, Zhongshan Hospital Shanghai, China, Sept. 7th, 2009.

Keys to successful revision total knee replacement, Advances in knee joint restoration-regional scientific conference, Hong Kong, China, Sept 5th, 2009.

Prevention and treatment of the infected total knee, Advances in knee joint restoration-regional scientific conference, Hong Kong, China, Sept 5th, 2009.

14 year experience of primary total knee arthroplasty in osteoarthritis, Advances in knee joint restoration-regional scientific conference, Hong Kong, China, Sept 4th, 2009.

Prevention and treatment of the infected total knee, Actualizaciones en el manejo de la cirugía de Rodilla, Dubrovnik, Croatia, June 26, 2009.

Implant selection – Which is the best for my patient? Actualizaciones en el manejo de la cirugía de Rodilla, Dubrovnik, Croatia, June 26, 2009.

The Hip, Course 401, Dept. of Rehabilitation Medicine Prosthetics – Orthotics curriculum, University of Washington, Seattle, WA, May 07, 2009.

Optetrak PS Knee Outcomes – 14 year experience, IV Curso Interinstitucional de Cirurgia do Joelho, Soa Paulo, Brazil, March 12, 2009.

Three Keys to Successful Revision Total Knee Replacement, IV Curso Interinstitucional de Cirurgia do Joelho, Soa Paulo, Brazil, March 12, 2009.

Polyethylene Bearings in Total Knee Replacement Implants – Mechanical and material solutions, IV Curso Interinstitucional de Cirurgia do Joelho, Sao Paulo, Brazil, March 12, 2009.

A History of Knee Prosthesis Design, Virginia Mason Grand Rounds, Seattle, WA, Jan. 16, 2009.

A History of Total Knee Replacement, Washington State Orthopaedic Association Conference, Seattle, WA, Nov. 15, 2008.

Landmarks and Ligament Releasing in Total Knee Replacement Surgery – Who needs instruments? Advances in Orthopaedics International Conference, Miami, FL, Nov. 7, 2008.

Optetrak PS Knee – 14 year experience, Advances in Orthopaedics International Conference, Miami, FL, Nov. 7, 2008.

Managing Bone Defects with Opteform, Advances in Arthroplasty, Phoenix, AZ, Oct. 3, 2008.

Optetrak PS Knee System Outcomes, Advances in Arthroplasty, Phoenix, AZ, Oct. 4, 2008.

Knee Polyethylene Bearings: mechanical and material solutions, Advances in Arthroplasty, Phoenix, AZ, Oct. 4, 2008.

The Hip, Course 401, Dept. of Rehabilitation Medicine Prosthetics – Orthotics curriculum, University of Washington, Seattle, WA, May 14, 2008.

History of Knee Prosthesis Design. What do we need for the future? Alternativas en el Manejo de la Cirugia de Rodilla Compleja y Revision, New York, NY, May 5, 2008.

Keys to a Successful Revision, Advances in Joint Restoration, International Conference, Honolulu, HI, April 4, 2008.

Twelve Year Experience of Primary Total Knee Arthroplasty, Advances in Joint Restoration, International Conference, Honolulu, HI, April 4, 2008.

The Continuing Evolution of the Condylar Knee: Design and Material, Advances in Joint Restoration, International Conference, Honolulu, HI, April 4, 2008.

Three Keys to Successful Revision Total Knee Replacement, Orthopaedic Residents, University of Washington, Seattle, WA, March 31, 2008.

How to Approach Ligament Balancing, Orthopaedic Residents, University of Washington, Seattle, WA, March 31, 2008.

The Early Innovators of Today's Condylar Resurfacing Knees, Orthopaedic Residents, University of Washington, Seattle, WA, March 31, 2008.

How to Approach Ligament Balancing, Advances in Orthopaedics-International Conference, Gainesville, FL, Feb. 21, 2008.

The Use of Biomaterials in Bone Defect Management, Advances in Orthopaedics-International Conference, Gainesville, FL, Feb. 20, 2008.

How to Approach Complicated Total Knee Revisions, Advances in Orthopaedics-International Conference, Gainesville, FL, Feb. 20, 2008.

The use of Modular Stems in Revision THR Surgery, VI Simposium International Sobre Artroplastia de Cadera, Tenerife, Canary Islands, Spain Feb. 15, 2008.

A Comparison of the Insall-Burstein I, Insall-Burstein II, and Optetrak Total Knee System from the Hospital for Special Surgery, Auckland, New Zealand, Feb. 5, 2008.

A Comparison of the Insall-Burstein I, Insall-Burstein II, and Optetrak Total Knee System from the Hospital for Special Surgery, Christ Church, New Zealand, Feb. 4, 2008.

A Comparison of the Insall-Burstein I, Insall-Burstein II, and Optetrak Total Knee System from the Hospital for Special Surgery, Melbourne, Australia, Jan. 31, 2008.

A Comparison of the Insall-Burstein I, Insall-Burstein II, and Optetrak Total Knee System from the Hospital for Special Surgery, Sydney, Australia, Jan. 30, 2008.

A Comparison of the Insall-Burstein I, Insall-Burstein II, and Optetrak Total Knee System from the Hospital for Special Surgery, Brisbane, Australia, Jan. 29, 2008.

Twelve-Year Experience of Primary TKA in Osteoarthritis a case for optimal design and direct compression molded polyethylene, Advances in Arthroplasty, Hilton Head, SC, Oct. 4, 2007.

Stability in Motion: avoiding dislocation through component placement and design, Advances in Arthroplasty, Hilton Head SC, Oct 4, 2007

The Fifth Generation HSS Knee - Clinical Performance, University of Washington, Orthopaedic Grand Rounds, Harborview Medical Center Seattle, WA. Oct 1, 2007.

The Early Innovators of Today's Condylar Resurfacing Knees, Harvard Univ. 37th annual Advances in Arthroplasty Course, Cambridge, MA, Sept 27, 2007.

Optetrak Outcomes, Optetrak Clinicians meeting, Orlando FL, June 16, 2007.

Complications and Solutions in Complex Total Knee Replacement, Nuevas Alternativas en el Manejo de Cirugia de Rodilla Compleja y de Revision (New Alternatives in Complex and Revision Knee Surgery Management), Lisbon, Portugal, June 8, 2007.

The Use of Biomaterials in Bone Defect Management, Nuevas Alternativas en el Manejo de Cirugia de Rodilla Compleja y de Revision (New Alternatives in Complex and Revision Knee Surgery Management), Lisbon, Portugal, June 8, 2007.

The Hip, Course 401, Dept. of Rehabilitation Medicine Prosthetics – Orthotics curriculum, University of Washington, Seattle, WA, May 7, 2007.

Workshops, The Optetrak Knee, 10th Caminas Knee Surgery Course (Brazilian Knee Society, Campinas, Brazil, April 28, 2007).

Workshops, The Optetrak Knee, 10th Caminas Knee Surgery Course (Brazilian Knee Society, Campinas, Brazil, April 28, 2007).

Key to successful Revision TKR, 10th Campinas Knee Surgery Course (Brazilian Knee Society) Campinas, Brazil, April 28, 2007.

How to approach problems in primary TKR, 10th Campinas Knee Surgery Course (Brazilian Knee Society) Campinas, Brazil, April 28, 2007.

Prosthetic replacement, Where are we now? 10th Campinas Knee Surgery Course (Brazilian Knee Society) Campinas, Brazil, April 28, 2007.

Optetrak knee and workshop, Rio de Janeiro, Brazil, April 25, 2007

Key to successful Revision TKR, Advances in Joint Restoration, Honolulu, HI, March 30, 2007.

Optetrak Clinical Performance – a case for optimal design and direct compression molded polyethylene, Advances in Joint Restoration, Honolulu, HI, March 30, 2007.

KVI Radio, Patient Power with Andrew Schorr, Hip and knee replacement: separating fact from fiction, Seattle, WA Mar. 4, 2007.

Clinical Results of Total Knee Replacement – a case for Optimal Design and Compression Molded Polyethylene, Orthopaedics conference, Virginia Mason Medical Center, Seattle, WA, Feb. 27, 2007.

Clinical Results of Total Knee Replacement – a case for Optimal Design and Compression Molded Polyethylene, Current Concepts in Joint Replacement - workshop, Orlando FL, Dec. 15, 2006.

Keys to successful Revision Total Knee Replacement Surgery, Advances in Arthroplasty course, Coral Gables, FL, Dec. 1, 2006.

Clinical Performance of the Optetrak Knee, Advances in Arthroplasty Course, Coral Gables, FL, Dec. 1, 2006.

The Impact of Resident Teaching on Total Hip Replacement Surgery, The Hip Society of North America, Univ. of Iowa, Iowa City, Iowa, Sept 8, 2006.

What's new in total joint replacement surgery? Dept of Rehabilitation Medicine, Virginia Mason Medical Center, Seattle, WA, Aug. 10, 2006.

Optetrak: A golden heritage, a 10 year history of success, Contribucion de los ultimos disenos de ingenieria a la cirugia protesica de rodilla, Prague, Czech Republic, June 30, 2006.

Total Hip Replacement Surgery, Core curriculum lecture, University of Washington Orthopedic residents, Seattle, WA, June 26, 2006.

The Hip, Course 401, Dept. of Rehabilitation Medicine Prosthetics – Orthotics curriculum, University of Washington, Seattle, WA, May 12, 2006.

Como abordar problemas in la cirugia de PTR. Contribucion de los Ultimos Disenos de Ingenieria a la Cirugia Protetica de Rodilla, Monte Carlo, April 21, 2006.

Optetrak: Un legado de oro, una historia de 10 anos de exito. Contribucion de los Ultimos Disenos de Ingenieria a la Cirugia Protetica de Rodilla, Monte Carlo, April 21, 2006.

The Early Innovators of Today's Resurfacing Condylar Knees, The 36th Annual Meeting of the Japanese Society for Replacement Arthroplasty, Kyoto Japan, Feb. 4, 2006.

The Optetrak Knee, 2006 National Sales Meeting Exactech, Inc., Scottsdale, AZ, Jan. 28, 2006.

The Hip, Orthopaedic Work Shop, University of Washington, Seattle, WA, June 29, 2005.

Success and Remaining Challenges in Total Hip Replacement, Advances in Arthroplasty, Hospital for Special Surgery course, New York, NY, May 13, 2005.

The Innovators of Today's Condylar Resurfacing Knees, Advances in Arthroplasty, Hospital for Special Surgery course, New York, NY, May 13, 2005.

The Hip, Course 401, Dept. of Rehabilitation Medicine Prosthetics – Orthotics curriculum, University of Washington, Seattle, WA, April 27, 2005.

The Hip, Orthopaedic Work Shop, University of Washington, Seattle, WA, June 29, 2004.

Cirugia de Revision. Experiencia personal y resultados en la Universidad de Washington. 22 Congreso Nacional de la SEROD (Sociedad Espanol de Rodilla), Mallorca, Spain, May 29, 2003.

The Innovators of Today's Resurfacing Condylar Knees, 22 Congreso Nacional de la SEROD (Sociedad Espanol de Rodilla), Mallorca, Spain, May 29, 2003.

Tavola rotonda discussione su casi clinici, La chirurgia di revisione delle artroprotesi diginocchio, Caserta, Italy, May 27, 2003

Complicanze nella chirurgia protesica di revisione e loro risoluzione, La chirurgia di revisione delle artroprotesi diginocchio, Caserta, Italy, May 27, 2003.

Incidenza e cause di fallimento (TKR), La chirurgia di revisione delle artroprotesi diginocchio, Caserta, Italy, May 27, 2003.

Robinson RP: Five Year Follow-up of 100 Fifth Generation HSS Total Knees Western Orthopaedic Association, San Antonio, TX, October, 2003.

Robinson RP: Five Year outcomes of the Fifth Generation HSS Knee, SICOT/SIROT Meeting, San Diego, CA, USA, Aug 25 - 30. 2002.

Moderator: Prosthesis Loosening IV, XXII World Congress SICOT/SIROT meeting, San Diego, CA, USA, August 25, 2002.

The Hip, Orthopaedic Work Shop, University of Washington, Seattle, WA, June 27, 2002.

Venous Thromboembolism Prophylaxis in Orthopedic Patients: Prophylactic Options, Practical Issues, Sponsored by Organon Sanofi-Synthelabo LLC, Sorrento Hotel, Seattle WA, May 8, 2002

The Future of Joint Replacement, Virginia Mason Medical Center, Continuing Medical Education Lecture, Seattle WA, Dec. 4, 2001.

Biomaterials in Total Hip Replacement Surgery, Orthopaedic Core Curriculum, University of Washington, Seattle, WA, Dec. 10, 2001.

“It Doesn’t Take Long”, sermon on healing, Bear Creek United Methodist Church, Woodinville, WA, Oct. 21, 2001.

The Hip, Orthopaedic Work Shop, University of Washington, Seattle, WA, June 27, 2001.

Prosthetic Knee Replacements, Where are we now, Virginia Mason Musculoskeletal Grand Rounds, Seattle, WA, June 26, 2001.

Survival Rates of the Optetrak Total Knee System vs. Classically Known Designs. Advances in Bone & Joint Restoration, International Conference, Miami, FL, May 3-6, 2001.

Techniques I Use to Optimize Clinical Results in Primary Total Hip Arthroplasty, Advances in Bone & Joint Restoration, International Conference, Miami, FL, May 3-6, 2001.

The History and Evolution of Total Knee Implant Design, Orthopaedic Grand Rounds, University of Washington, Dec. 4, 2000.

Offset in Total Hip Replacement Surgery, Pacific Northwest Arthroplasty Plenary Session, Snoqualmie, WA, Oct. 21, 2000.

Bionic Mobility, National Association of Orthopaedic Nurses (NAON), Puget Sound Chapter, Seatac, WA, Sept 29, 2000.

The Hip, Orthopaedic Work Shop, University of Washington, Seattle, WA, June 30, 2000.

Panel on Total Hip and Knee Prostheses and Surgical Technique, Exactech, at the AAOS Meeting, Orlando, FL, March 18, 2000.

Biomechanics and Biomaterials of Total Hip Replacements, Core Curriculum, University of Washington Department of Orthopaedics, Seattle, WA, Nov. 15, 1999.

Hip and Knee Replacements for the 21st Century, Medical Surgical Update: Orthopaedics Musculoskeletal Focus, Virginia Mason Medical Center, Seattle, WA, Oct. 25, 1999.

Comparison of Early Clinical Results of the third, fourth, and fifth Generations: HSS Total Knee Replacements, Invited Faculty, Pennsylvania Orthopaedic Association, Nemaquin Woodlands Resort, Farmington, PA, Oct. 21, 1999.

Orthopaedics in the New Millennium at Virginia Mason, emphasis on results, Virginia Mason Medical Center, Seattle, WA, Oct. 12, 1999.

The Hip, Orthopaedic Work Shop, University of Washington, Seattle, WA, June 30, 1999.

Early Results, Aura Total Hip Replacement, Exactech Meeting, Vail, CO, Sept. 14, 1998.

The Hip, Talk to Orthopaedic Residents, Faculty Center, University of Washington, Seattle, WA, June 26, 1998.

The Development of the Aura Cemented Hip System, Talk to Surgeons, Spokane, WA, Nov. 21, 1997.

The Development of the Aura Cemented Hip System, Talk to Surgeons, Yakima, WA, Nov. 20, 1997.

Reimplantation Prosthesis Total de Rodilla despues de Infeccion, VII Memorial Federico Rubio Conference, Nuevos Conceptos en Arthroplastia de Rodilla, University of Madrid, Spain, Oct. 3, 1997.

Resultados de la Prosthesis Total de Rodilla Insall Burstein, Insall Burstein II, y Optetrak Estabilizada Posterior, VII Memorial Federico Rubio Conference, Nuevos Conceptos en Arthroplastia de Rodilla, University of Madrid, Spain, Oct. 3, 1997.

Comparison of Computer Predicted and Intraoperatively Measured Prosthetic Hip Motion, Summer meeting of The Hip Society, New York, NY., Sept 13, 1997.

Aura Total Hip, Early Clinical Experience, Exactech Conference, Marthas Vineyard, MA, Sept. 6, 1997.

Primary Aura Total Hip Implant Design, Exactech Conference, Marthas Vineyard, MA, Sept. 6, 1997.

One-Year Follow-up Data, Optetrak Knee, Exactech Conference, Marthas Vineyard, MA, Sept. 6, 1997.

The Aura Total Hip System, Design Rational, Exactech meeting, Acron, OH, June 26, 1997.

Total Knee Replacement Following Failed High Tibial Osteotomy, Orthopaedic Grand Rounds, University of Washington, Seattle, WA, March 3, 1997.

Optetrak vs. IBPS II Knee Replacement - Early results, Exactech conference on knee replacement, Orlando, FL, Dec. 11, 1996.

Primary Total Knee Replacement, Patient Selection, Implant selection, and Technique, Dept of Orthopaedic Surgery, University of Washington, Seattle, WA, Nov 25, 1996.

Early Results using the Exactech Optetrak Posterior Stabilized Total Knee, a review of 78 knees, Park City Utah, Sept. 7, 1996.

Early Clinical Results of Posterior Stabilized Optetrak Knee System, Exactech, Seattle, WA, March 21, 1996.

Dislocation of Total Hips, Orthopaedic Grand Rounds, Univ. of Washinton, Seattle, WA, Dec. 4, 1995.

Component Positions and their relationship to hip joint stability and prosthetic contact area in total hip replacement. Exactech meeting on implant design, Martha's Vineyard, Mass., Aug.13, 1995.

Joint Contact Area and Motion Resulting from Component Position in THR, Amer. Assn. of Hip and Knee Surgeons, Dallas Texas, Nov. 11, 1995.

Assessment of Failure in Total Hip Replacement: The Identifit and DF-80 Experience, Dept of Orthopaedics, University of Washington, Seattle, WA, Nov 21, 1994.

Indications for Total Joint Replacement Surgery, Arlington, WA, Nov. 14, 1994.

Basic surgical goals including soft tissue considerations in total knee replacement. Dept Orthopaedics, University of Washington, Seattle Washington, Oct 17, 1994.

Rehabilitation after Total Knee Replacement. Total Hip and Knee Replacement Symposium, Pebble Beach CA, Sept 25, 1994.

Total Knee Replacement - IBPS H Implant - Unilateral vs Bilateral. Total Hip and Knee Replacement Symposium, Pebble Beach CA, Sept 25, 1994.

Biomechanics of the Knee. Core Curriculum Lecture, University of Washington, Aug. 15, 1994.

Biomechanics of the Hip. Core Curriculum Lecture, University of Washington, Aug. 8, 1994.

Early Mechanical Failure in a Series of 53 Cementless Custom Molded Identifit Total Hip Replacements. AAOS Meeting, New Orleans, Feb. 1994.

Local Moderator, Video Satellite Conference, Controversies in Orthopaedics, HA: Fact vs Fiction, Seattle, Washington, January 20, 1994.

The Evolution and development of the Insall Burstein Posterior Stabilized II Knee Prosthesis. Orthopaedic Grand Rounds, University of Washington, Seattle, WA, Dec. 6, 1993.

CLS and Identifit Total Hip Replacements. Puget Sound Joint Replacement Study Group. Seattle, WA, May 27, 1993.

Cementless Spotorno Total Hip Replacement. National Association of Orthopaedic Nurses Meeting, Reno, Nevada, May 25, 1993.

Evolution of Total Knee Arthroplasty. The American Orthopaedic Association 26th Annual Residents Conference, Seattle, W.A., March 17, 1993.

Local Moderator, Video Satellite Conference, The Cruciate Decision and other Related Knee Subjects, Seattle, Washington, January 20, 1993.

Robinson RP and Simonian PT: Thermal Modular Femoral Head Remover in Revision Total Hip Replacement Surgery. American Academy of Orthopaedic Surgeons, San Francisco, CA, 1993.

Ligamentous Release in Total Knee Replacement. Core Curriculum Lecture and dissection, Orthopaedic Residents, the University of Washington, Seattle Washington, Nov. 23, 1992.

Cementless Total Hip Replacement - CLS. Core Curriculum Lecture, Orthopaedic Residents, the University of Washington, Seattle Washington, Nov. 23, 1992.

Biomechanics of Knee Implant Design. Core Curriculum Lecture, Orthopaedic Residents, the University of Washington, Seattle Washington, July 27, 1992.

Biomechanics of the Knee. Core Curriculum Lecture, Orthopaedic Residents, the University of Washington, Seattle Washington, July 27, 1992.

Biomaterials. Core Curriculum Lecture, Orthopaedic Residents, the University of Washington, Seattle Washington, July 27, 1992.

Biomechanics of Hip Implant Design. Core Curriculum Lecture, Orthopaedic Residents, the University of Washington, Seattle Washington, July 20, 1992.

Biomechanics of the Hip. Core Curriculum Lecture, Orthopaedic Residents, the University of Washington, Seattle Washington, July 20, 1992.

Outcomes Assessment in Total Joint Replacement. Board of Governors, Virginia Mason Medical Center, Seattle Washington, June, 1992.

Disorders of the Hip and Thigh. Core Curriculum Lecture, University of Washington physical therapy and occupational therapy students, Seattle, WA, May, 1992.

Local Moderator for a nationally broadcast satellite conference on Interface Options in Total Hip Replacement. Seattle, WA, Jan. 22, 1992.

Cementless Spotorno (CLS) Osseointegration Total Hip Femoral Component, an American Experience. 73rd Annual Meeting of the Alumni Association of The Hospital for Special Surgery, New York, NY, Nov. 8, 1991.

"Which hip is best for me?" New Advances in the Care and Treatment of Arthritis. Arthritis Forum, Virginia Mason Medical Center, Seattle, WA, Sept. 12, 1991.

Identifit Total Hip Replacement, Early Results. Identifit users Meeting, Chicago IL, June 15, 1991.

Disorders of the Hip and Thigh. Core Curriculum Lecture, University of Washington physical therapy and occupational therapy students, Seattle, WA, May 29, 1991.

Cementless Spotorno (CLS) Osseointegration Total Hip Femoral Component, an American Experience. Puget Sound Chapter of the Western Orthopedic Association Meeting, Port Ludlow, WA, May 18, 1991.

Biomechanics of the Hip and Knee. Core Curriculum Lecture, Orthopaedic Residents, the University of Washington, Seattle Washington, July 9, 1990.

Disorders of the Hip and Thigh. Core Curriculum Lecture, University of Washington physical therapy and occupational therapy students, Seattle, WA, May 22, 1990.

Total Hip and Total Knee Replacement. Orthopaedic Review course, Section of Orthopaedics, Virginia Mason Medical Center, Seattle, WA, May 5, 1990.

CLS Stem, Early Results in 70 Hip Arthroplasties. (in title only), The Alumni Association of The Hospital For Special Surgery, New York, NY, Nov. 1989.

Clinical Performances of Cementless Total Hips. Current Concepts and Surgical Techniques of Total Hip Arthroplasty, a Day with In Dong Oh, Pasadena, CA, Oct. 1989.

Pitfalls on Acetabular Component Fixation. Current Concepts and Surgical Techniques of Total Hip Arthroplasty, a Day with In Dong Oh, Pasadena, CA, Oct. 1989.

Clinical Performances of Cemented Total Hips. Current Concepts and Surgical Techniques of Total Hip Arthroplasty, a Day with In Dong Oh, Pasadena, CA, Oct. 1989.

Different Cements in Total Hip Surgery. Current Concepts and Surgical Techniques of Total Hip Arthroplasty, a Day with In Dong Oh, Pasadena, CA, Oct. 1989.

Clinical Results, Insall Burstein Posterior Stabilized Total Knee Prosthesis. Total Knee Replacement Course, Monterey, CA, July 1989.

Disorders of the Hip and Thigh. Core Curriculum Lecture, University of Washington physical therapy and occupational therapy students, Seattle, WA, May 22, 1989.

Observations of 100 CLS Stems at 3 Years. Total Hip Replacement Course, Lugano Switzerland, April 21-23, 1989.

Robinson RP and Lovell TP: In Vivo Comparison of Cement Penetration - Palacose R and Simplex Bone Cements. American Academy of Orthopaedic Surgeons, Las Vegas, NV, Feb. 1989.

Early Femoral Component Loosening in DF-80 Total Hip Replacements. Total Hip Replacement Surgery Course, Keystone, CO, Mar. 1988.

Discusser - Three Total Knee Papers. American Academy of Orthopedic Surgeons Meeting, Atlanta GA, Feb. 1988.

Early Femoral Component Loosening in DF-80 Total Hip Replacements. American Academy of Orthopedic Surgeons Meeting, Atlanta, GA, Feb. 1988.

Biomaterials. Core Curriculum Lecture, Orthopaedic Residents, the University of Washington, Seattle Washington, 1987.

Biomechanics of the Hip and Knee. Core Curriculum Lecture, Orthopaedic Residents, the University of Washington, Seattle Washington, 1987.

Moderator - Section on Biomechanics: "The Knee" course, University of Minnesota, Minneapolis Marriott City Center, July 8-11, 1987.

Incidence, Prevention, and Management of Early Acute Infection in Total Knee Replacement. "The Knee" course, University of Minnesota, Minneapolis Marriott City Center, July 8-11, 1987.

Inflammatory Disorders of the Hip and Knee. Core Curriculum Lecture, University of Washington physical therapy and occupational therapy students, Seattle, WA, May, 1986.

Exposure and Releases in Total Knee Replacement Surgery. Core Curriculum Lecture, Orthopaedic Residents, the University of Washington, Seattle Washington, 1985.

Biomechanics of the Hip and Knee. Core Curriculum Lecture, Orthopaedic Residents, the University of Washington, Seattle Washington, 1985.

Statics in Dynamics. Core Curriculum Lecture in Biomechanics, Orthopaedic Residents, the University of Washington, Seattle Washington, 1983.

Biomechanics of Implant Materials. Core Curriculum Lecture, Orthopaedic Residents, the University of Washington, Seattle Washington, 1983.

Mechanical Properties of Osteopetrotic Bone. American Society of Biomechanics Meeting, Seattle, WA, 1982.

Evaluation of Infections in 4769 Total Hip and Total Knee Replacements Performed with and without a Horizontal Laminar Flow System. Philip D Wilson award. Alumni Meeting at The Hospital for Special Surgery, New York, NY, 1981.

Evaluation of Infections in 4769 Total Hip and Total Knee Replacements Performed with and without a Horizontal Laminar Flow System. American Academy of Orthopedic Surgeons Meeting. San Francisco, CA, 1981.

Mechanical Properties of Polymethylmethacrylate Bone Cement. Summer Meeting of the Hip Society, at The Hospital for Special Surgery, New York, NY, 1980.

A Comparative Study of the Lateral Transtrochanteric and Posterior Approaches for Total Hip Replacement. The New York Academy of Science, New York, NY, 1979.

a: **Research and Development:**

Evaluation of the Optetrak Logic PS knee with and without Patellar resurfacing: cadaver, computer graphic

20120833 A Multicenter, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled, Dose Ranging Study to Evaluate the Safety, Efficacy, and Pharmacokinetics of Single Injection Femoral Nerve Block with Liposome Bupivacaine for Postsurgical Analgesia in Subject

20120643 A Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial to Evaluate the Efficacy and Safety of the Sufentanil NanoTab® PCA System/15 mcg for the Treatment of Post-Operative Pain in Patients after Knee or Hip Replacement Surgery

Co-investigator, Total knee arthroplasty - tibial component aseptic loosening comparing early and dough phase cementing techniques. 2012.

Principle investigator -A registry for comparative outcomes of total hip and total knee replacement surgeries ID 20100078 University of Miami approved 11/19/2010

20120588 Genetics-InFormatics Trial (GIFT) of Warfarin to Prevent DVT

Participant – PI Lee Kaplan, The effects of hyaluronic acid on single-impact injury intrarticular cartilage with and without mechanical loading ID 20110473 University of Miami

Participant – PI Keith Candiotta, A Randomized, Double-blind study of the analgesic efficacy and safety of flexible dose Q8003 versus low dose Q8003 in patients who have undergone primary unilateral total knee arthroplasty, ID 20100452 8/26/2010

Co-investigator Gravity acetabular alignment system, 2005.

Design team member Novus acetabular implant later named the Novation Crown socket, Exactech, Inc. 2003-present.

Co-investigator in a prospective randomized study comparing H376/95 an antithrombin drug with coumadin (THR's) and Enoxaparin (THR's) for DVT prophylaxis, 2000.

Co-investigator VMMC # 8625 - A multicenter, multinational, randomized, double-blind comparison of subcutaneous SR90107A / ORG31540 with Enoxaparin in the prevention of deep vein thrombosis

and symptomatic pulmonary embolism after elective hip replacement or a revision, Protocol EFC2442, 1999.

Co-investigator VMMC #8574 - A double-blind, placebo-controlled single dose and active controlled multiple dose assessment of analgesic activity of SC-58635 MG in post Orthopedic surgical patients, 1998-99

Clinical evaluator Optetrak Total Knee, Exactech, Inc. 1995-present.

Design team member and clinical investigator for the Aura and Acumatch C Series total hip prosthesis, Exactech, Inc. Dec. 1993-present

Co-Investigator – A Randomized, Double-blind study of the analgesic efficacy and safety of flexible dose Q8003 versus low dose Q8003 in patients who have undergone primary unilateral total knee arthroplasty. QRxPharma, Inc. 2010. University of Miami Hospital. Protocol # Q8003-009 Phase 3

b: Clinical and Basic Science Research:

Clinical and radiographic evaluation of the Element total hip stem

Implant survival Acumatch Modular total hip stem

Assessment of natural patella forces and kinematics in the Logic PS knee

Evaluation of the GPS computer navigation system

Development and Validation of A Rapid Method for the Evaluation of Hip Replacement Positioning using facial recognition software.

Comparison of transfusion rates and hemoglobin levels in THR and TKR with and without tranexamic acid

Early review of results of the Optetrak TKR FIT tibial tray

Pre-operative TKR patient Oxford, HSS, Knee Society, SF-12 ratings

Clinical evaluation of the early results of the Novation InteGrip acetabular cup in THR surgery

Early results of the Element THR stem

Clinical and cadaver study comparing cement penetration with liquid versus dough phase cement in total knee tibial components.

Evaluation of a severely worn alumina-alumina ceramic total hip bearing.

Maintaining a computerized outcomes tool for Total Hip and Total Knee replacement surgery.

Prospective randomized study comparing Optetrac all poly vs metal backed tibial components in total knee replacement surgery.

Prospective evaluation of outcomes and results of the Acumatch C-series hip replacement systems.

Prospective evaluation outcomes Acumatch modular stem in THR and Revision THR Surgery.

Prospective clinical evaluation of the Optetrak PS knee using the direct-compression-molded, monoblock, metal-backed tibia and a medial mid vastus surgical approach.

Prospective clinical evaluation of the Acumatch P series stem.

c: **Audio – Visual – Radio:**

KVI Radio, Patient Power with Andrew Schorr, Hip and knee replacement: separating fact from fiction, Seattle, WA Mar. 4, 2007.

Robinson RP: Diagnosing and Managing the Arthritic Hip inside the Hip. Audio-Digest Orthopaedics. Vol. 14, No. 05, May, 1991.

d: **Patents**

Modular Ball Head Remover (Thermal Femoral Head Remover), Serial No. 07/738,452 Patent No. 5,264,680, issued 11/23/93.

e: **Courses**

Current Concepts in Joint Replacement, Las Vegas, NV, May 20 - 23, 2001

Orthopaedic Trauma Association “Trauma Update” May 12-13, 1995.

Albert Burstein and Tim Wright's Biomechanics Course, St. Petersburg, Florida, Nov. 1-4 1993.

Professor Maurice Muller's course, The Hip and Knee, Berne Switzerland, April, 1989.

Professor Maurice Muller's course, The Hip, Berne Switzerland, April 1986.

William Harris's course, The Hip, Boston M.A., 1985.

Albert Burstein's Course in Biomechanics, New York, 1981.

VI. **TEACHING:**

25. **Teaching Awards Received:**

Orthopaedic resident's teaching award,
University of Washington 1991

Orthopaedic resident's teaching award,
University of Washington 1987

26. **Teaching Specialization:** None

27. **Thesis and Dissertation Advising/
Post Doctoral Student Supervision:** None

VII. **SERVICE:**

28. **University Committee and
Administrative Responsibilities:** None

29. **Community Activities:**

Adult Leader Jr. High Youth Group
Bear Creek United Methodist Church 1996 – 1998

Soccer Coach, Northshore Youth Soccer Association 1993 - 1998